

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012344.D
 Acq On : 24 Jan 2023 16:02
 Operator : KP/MD
 Sample : 01260-16
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:32:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

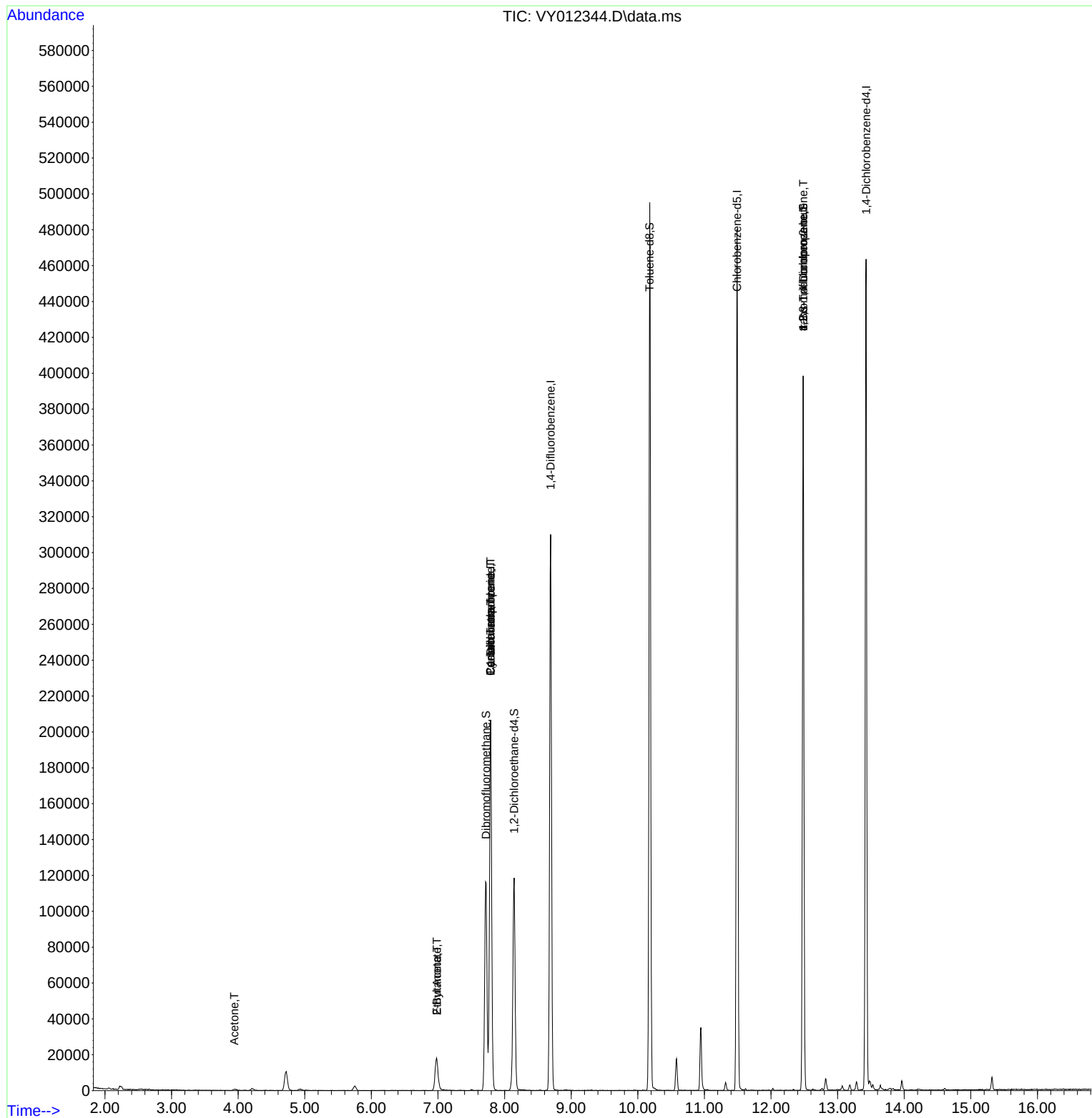
Internal Standards						
1) Pentafluorobenzene	7.789	168	160612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98034	75.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.320%	
35) Dibromofluoromethane	7.722	113	79538	54.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.760%	
50) Toluene-d8	10.179	98	326928	66.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.060%	
62) 4-Bromofluorobenzene	12.483	95	108782	53.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	911	Below Cal	#	74
16) Acetone	3.942	43	1419	3.173	ug/l #	80
20) Methylene Chloride	4.710	84	8902	Below Cal		84
25) 2-Butanone	6.984	43	6843	13.860	ug/l #	85
31) Cyclohexane	7.789	56	3186	1.361	ug/l #	49
36) 1,1-Dichloropropene	7.789	75	10995	4.463	ug/l #	51
37) Ethyl Acetate	6.984	43	6843	6.301	ug/l #	82
38) Carbon Tetrachloride	7.789	117	15860	4.985	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	59201	51.169	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59201	105.430	ug/l #	13

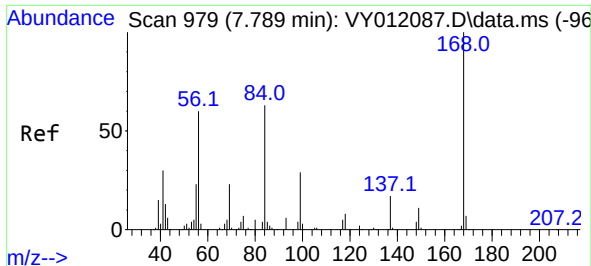
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

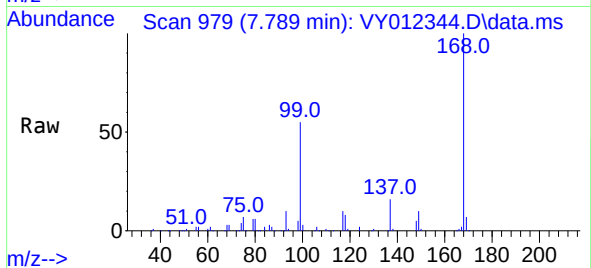
Quant Time: Jan 25 01:32:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
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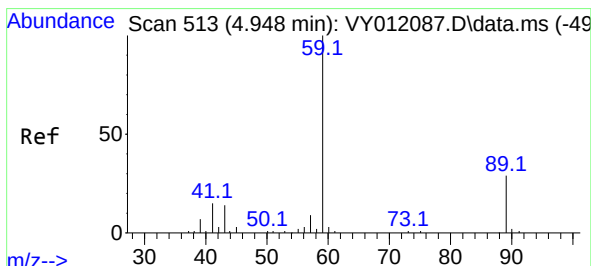
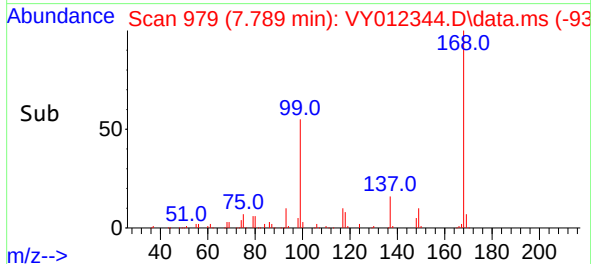
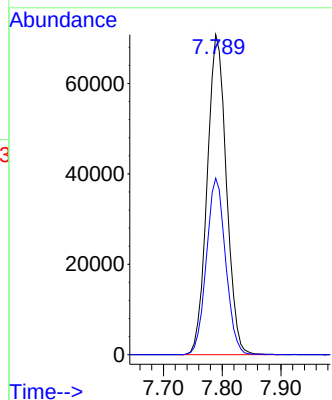


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

Instrument :
MSVOA_Y
ClientSampleId :

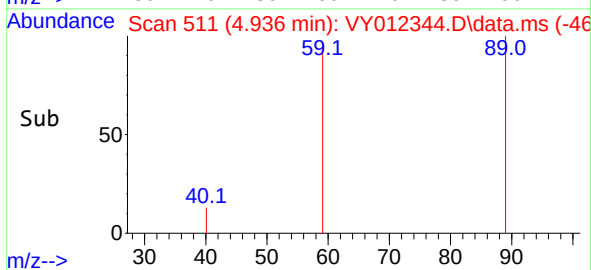
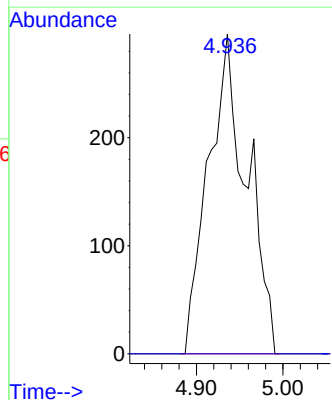
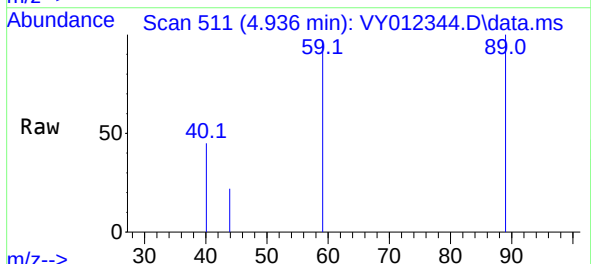


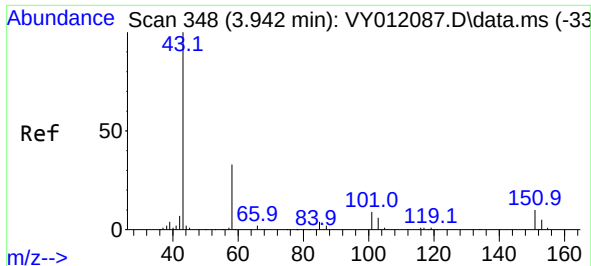
Tgt Ion:168 Resp: 160612
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

Tgt Ion: 59 Resp: 911
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

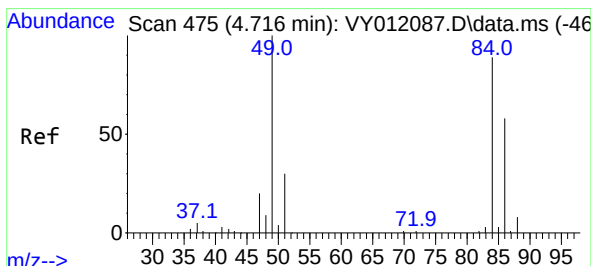
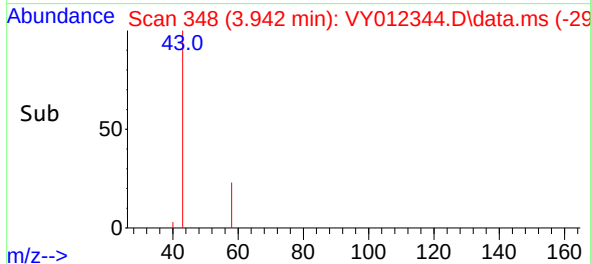
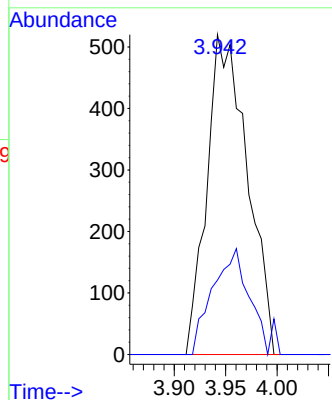
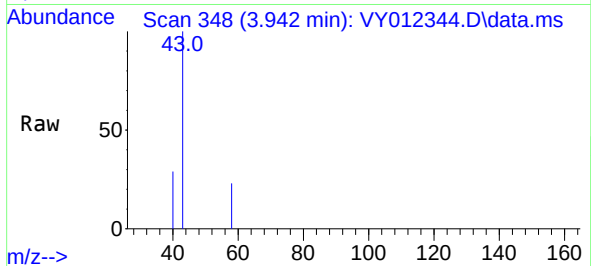




#16
Acetone
Concen: 3.173 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

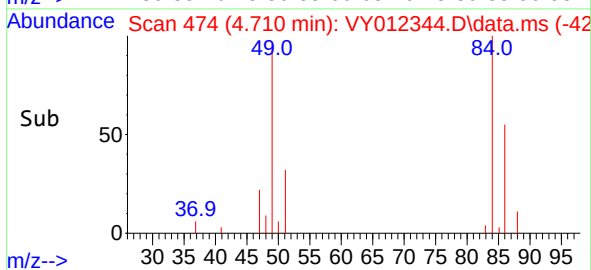
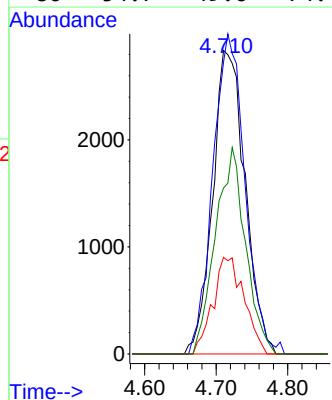
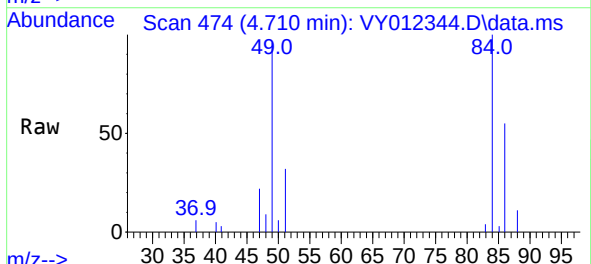
Instrument :
MSVOA_Y
ClientSampleId :

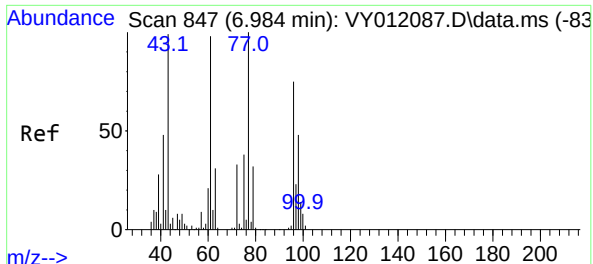
Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 23.3 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

Tgt Ion: 84 Resp: 8902
Ion Ratio Lower Upper
84 100
49 96.2 95.4 143.2
51 31.8 29.9 44.9
86 54.7 49.6 74.4





#25

2-Butanone

Concen: 13.860 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012344.D

Acq: 24 Jan 2023 16:02

Instrument :

MSVOA_Y

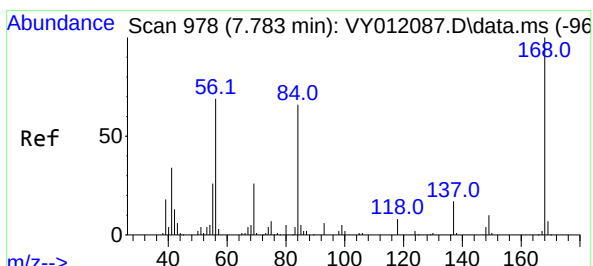
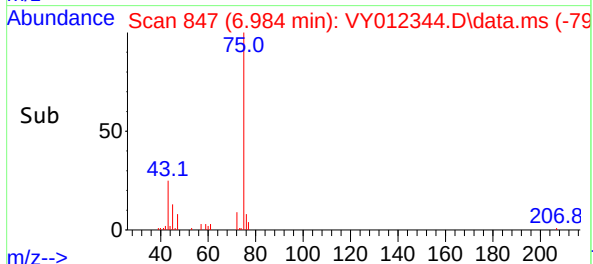
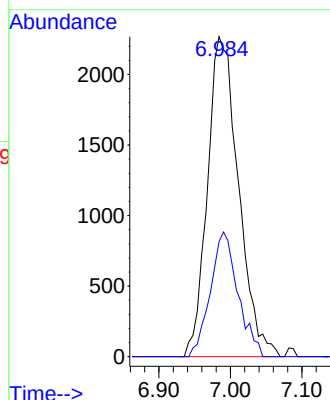
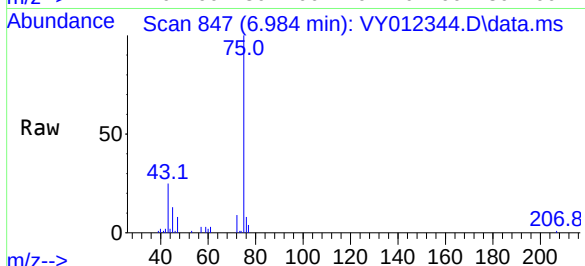
ClientSampleId :

Tgt Ion: 43 Resp: 6843

Ion Ratio Lower Upper

43 100

72 36.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.361 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012344.D

Acq: 24 Jan 2023 16:02

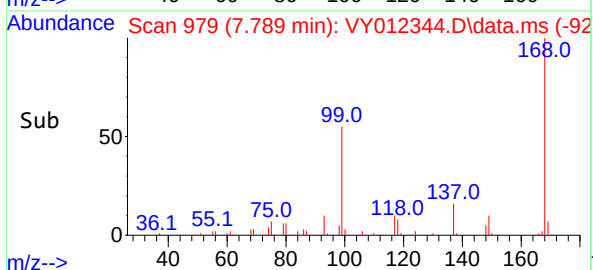
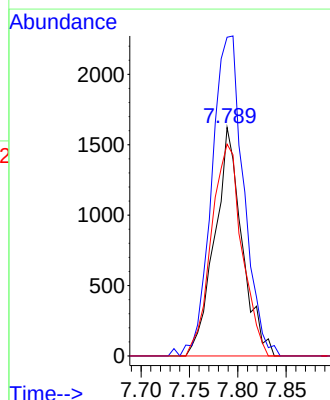
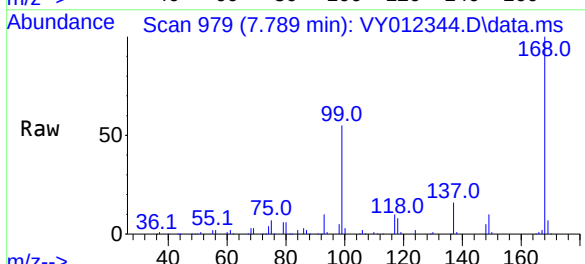
Tgt Ion: 56 Resp: 3186

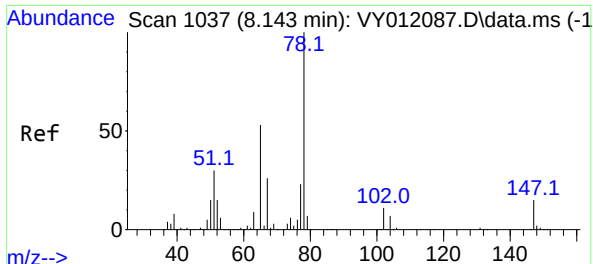
Ion Ratio Lower Upper

56 100

69 139.5 29.2 43.8#

84 92.7 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 75.656 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012344.D

Acq: 24 Jan 2023 16:02

Instrument :

MSVOA_Y

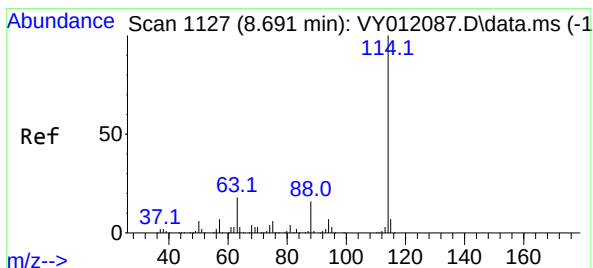
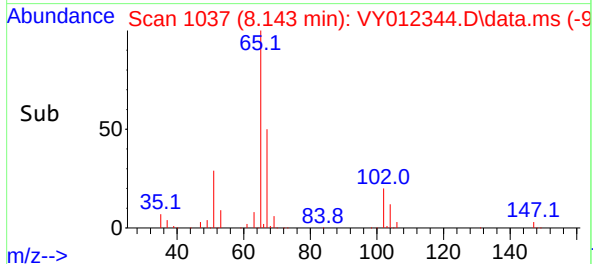
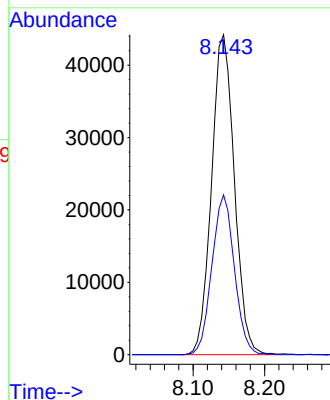
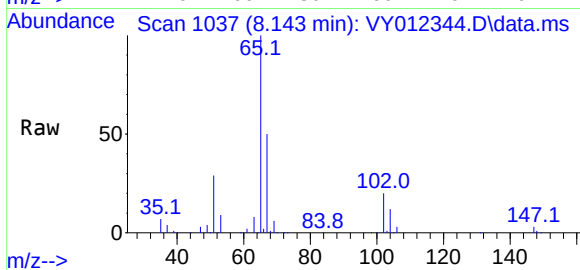
ClientSampleId :

Tgt Ion: 65 Resp: 98034

Ion Ratio Lower Upper

65 100

67 49.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012344.D

Acq: 24 Jan 2023 16:02

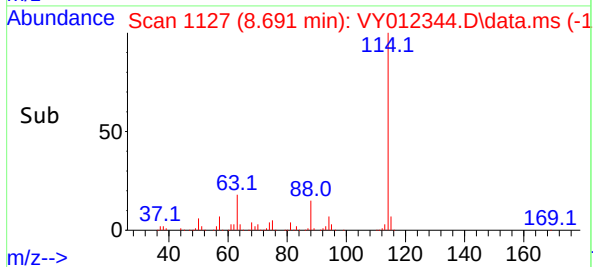
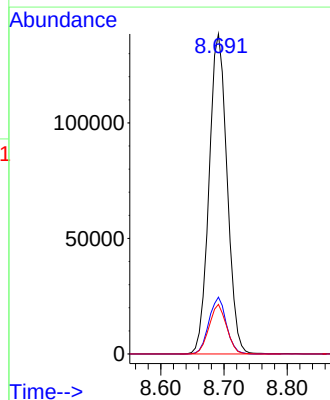
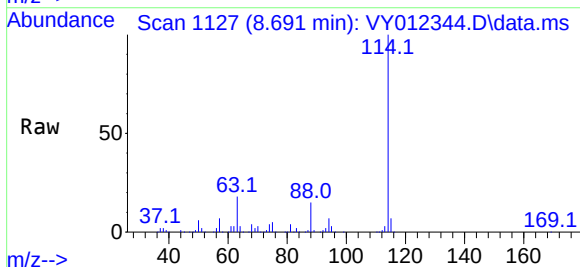
Tgt Ion: 114 Resp: 273735

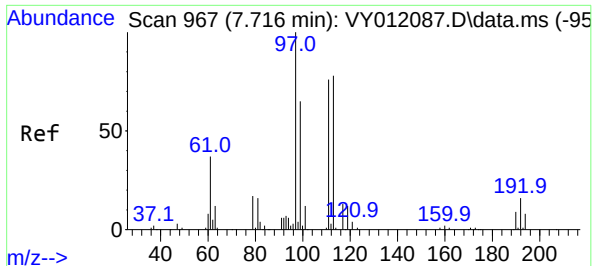
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

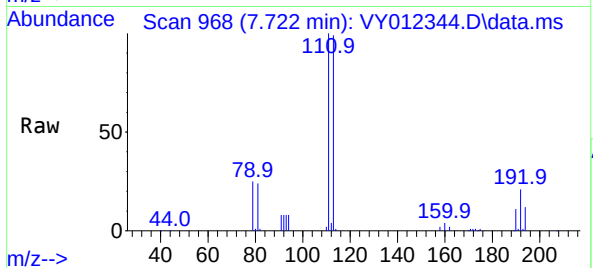
88 15.5 0.0 32.2



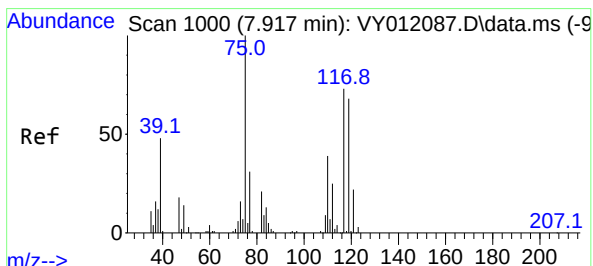
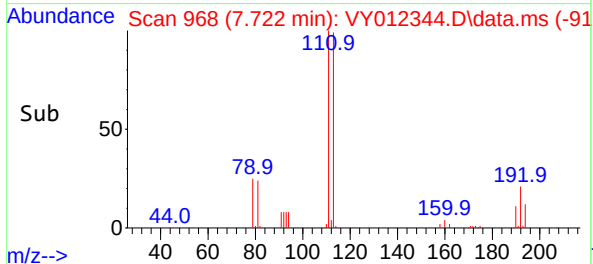
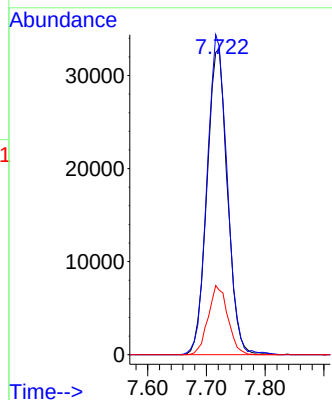


#35
 Dibromofluoromethane
 Concen: 54.875 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY012344.D
 Acq: 24 Jan 2023 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :

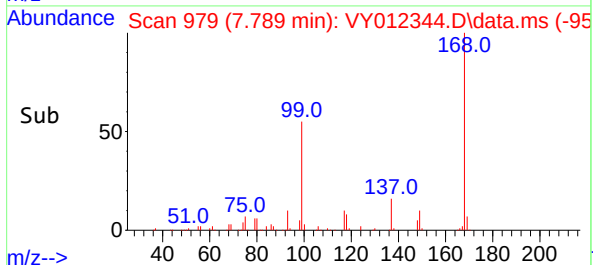
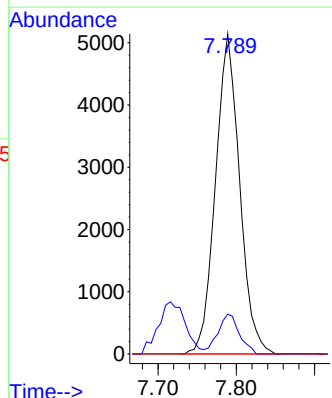
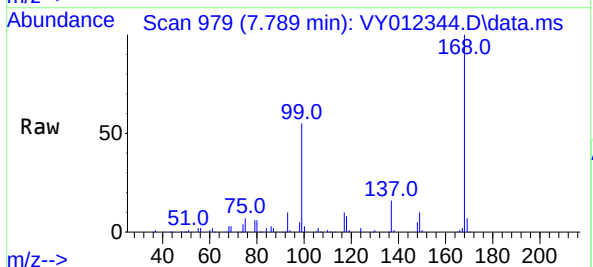


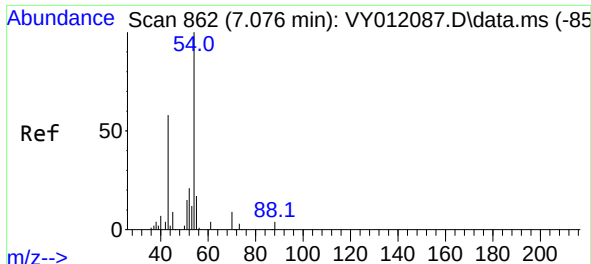
Tgt Ion:113 Resp: 79538
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.4
 192 21.7 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.463 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY012344.D
 Acq: 24 Jan 2023 16:02

Tgt Ion: 75 Resp: 10995
 Ion Ratio Lower Upper
 75 100
 110 11.1 18.1 54.1#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 6.301 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY012344.D

Acq: 24 Jan 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

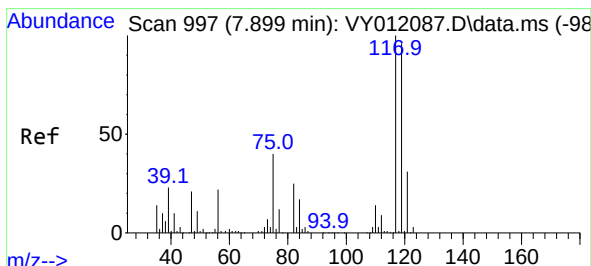
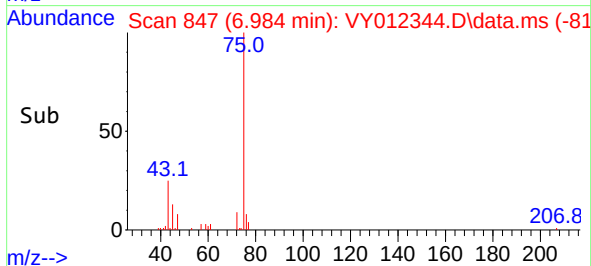
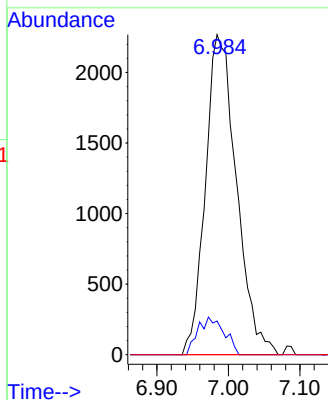
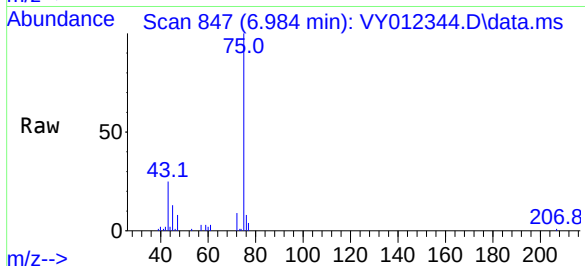
Tgt Ion: 43 Resp: 6843

Ion Ratio Lower Upper

43 100

61 9.9 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 4.985 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012344.D

Acq: 24 Jan 2023 16:02

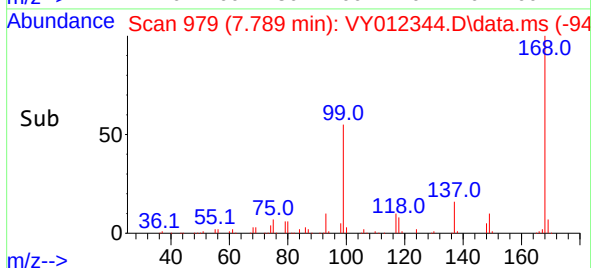
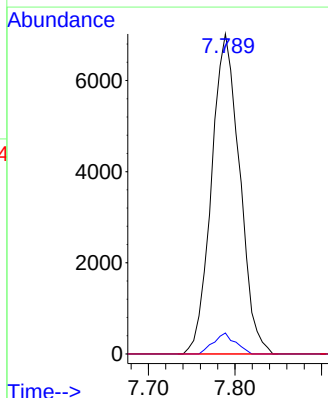
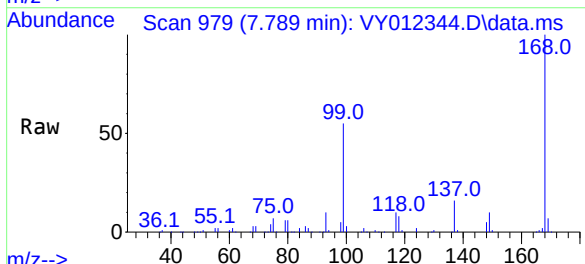
Tgt Ion:117 Resp: 15860

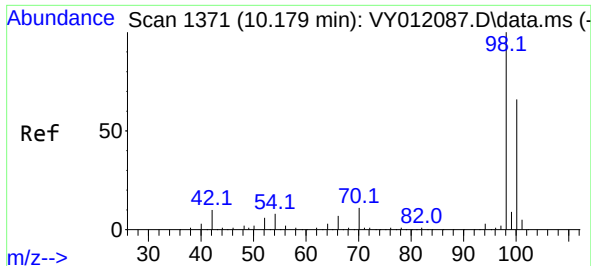
Ion Ratio Lower Upper

117 100

119 6.5 73.8 110.8#

121 0.0 25.2 37.8#

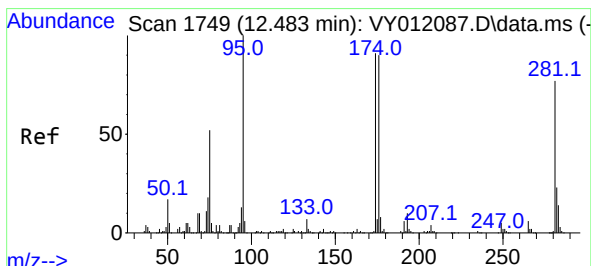
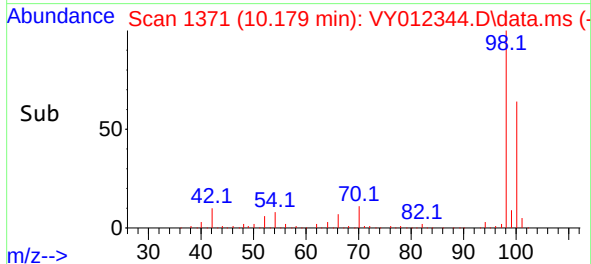
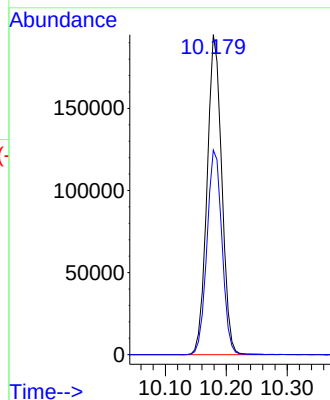
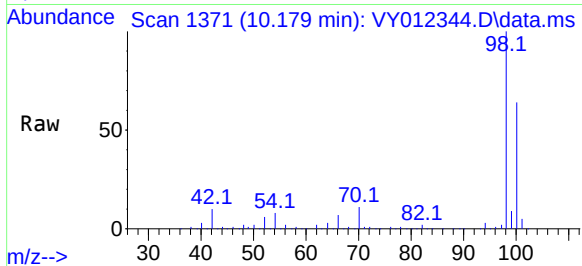




#50
Toluene-d8
Concen: 66.531 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

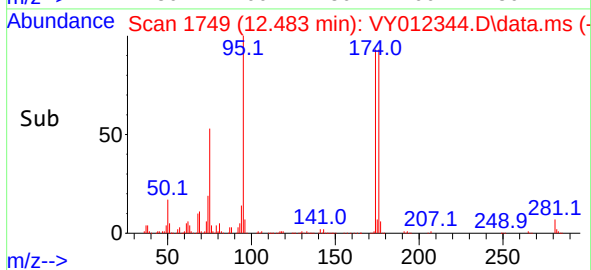
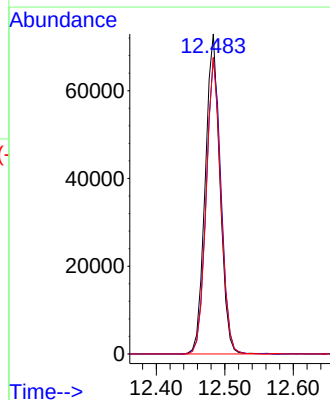
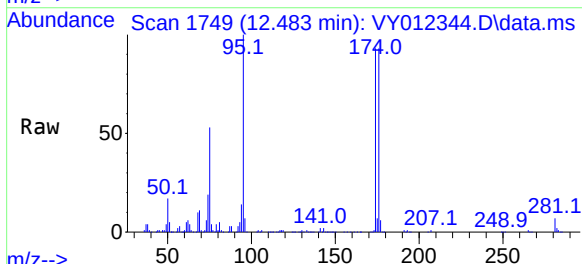
Instrument :
MSVOA_Y
ClientSampleId :

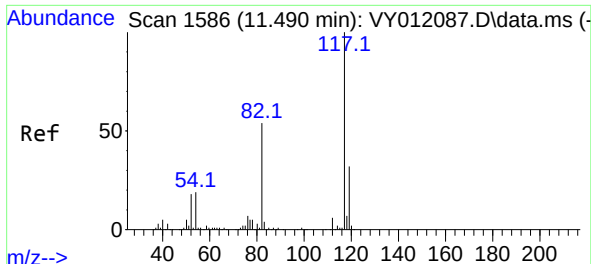
Tgt Ion: 98 Resp: 326928
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.240 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

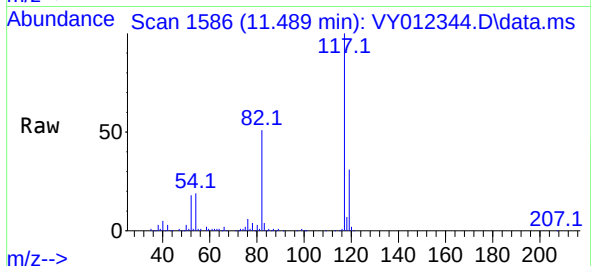
Tgt Ion: 95 Resp: 108782
Ion Ratio Lower Upper
95 100
174 94.1 0.0 172.0
176 91.7 0.0 167.6



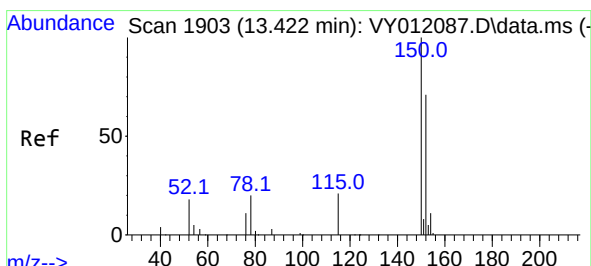
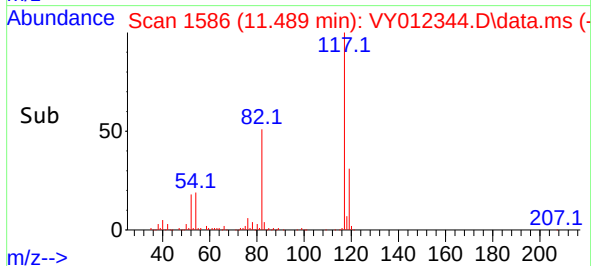
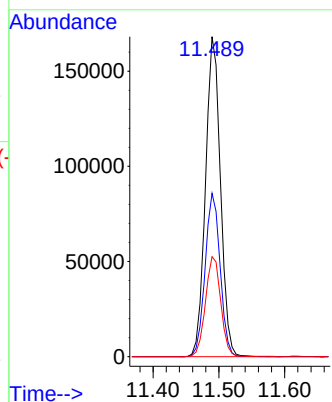


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

Instrument :
MSVOA_Y
ClientSampleId :

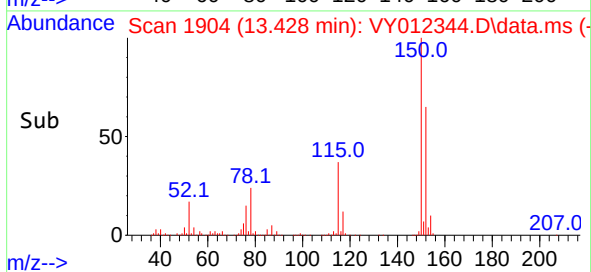
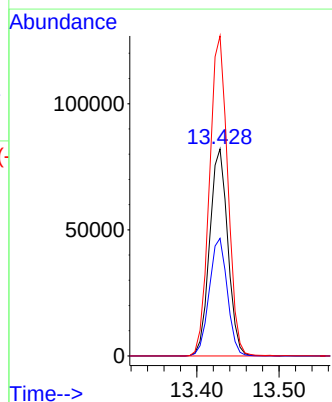
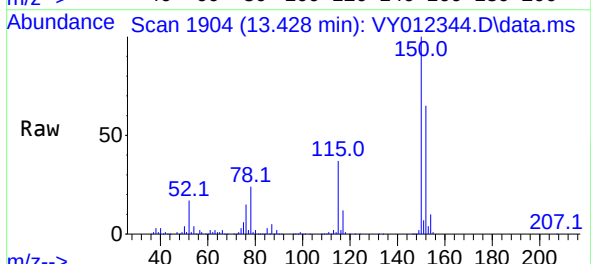


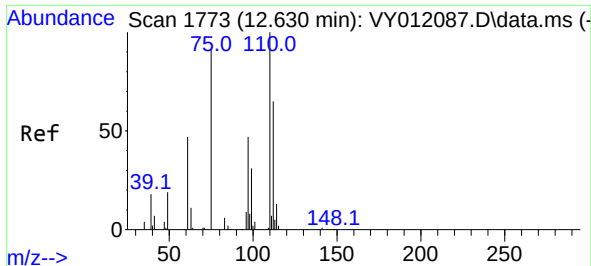
Tgt Ion:117 Resp: 265956
Ion Ratio Lower Upper
117 100
82 51.0 44.8 67.2
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

Tgt Ion:152 Resp: 125822
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 155.7 0.0 342.6

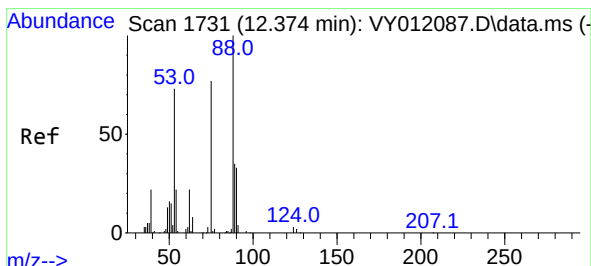
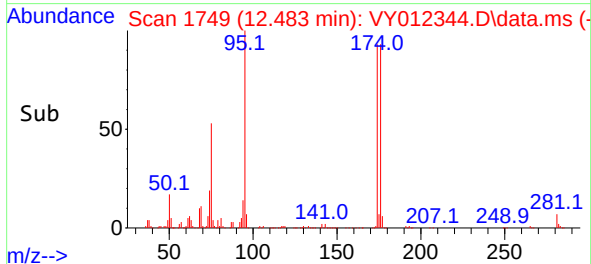
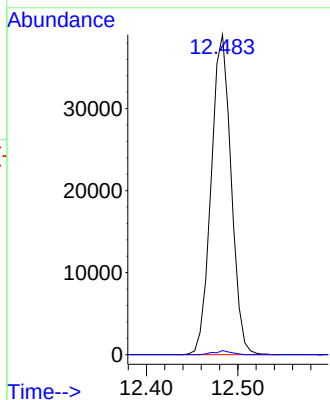
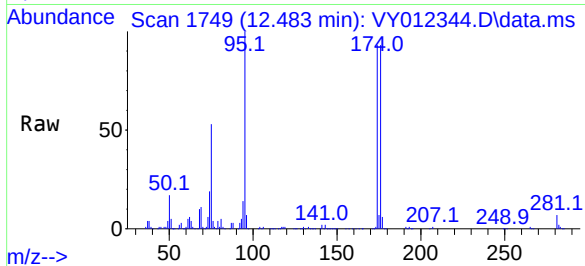




#76
1,2,3-Trichloropropane
Concen: 51.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59201
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.430 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012344.D
Acq: 24 Jan 2023 16:02

Tgt Ion: 75 Resp: 59201
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.1 37.0 55.4#

